

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-4 (Cancelled).

Claim 5 (New) A method of suppressing mineralization and adhesion in the periodontal ligament of a patient, comprising applying a human RGD-CAP comprising SEQ ID NO:2 (GenBank accession No. NM_000358) so that the human RGD-CAP is contacted to periodontal ligament cells.

Claim 6 (New) The method according to claim 5, wherein the human RGD-CAP is coated on a tooth to be transplanted into the patient.

Claim 7 (New) The method according to claim 5, wherein the human RGD-CAP is directly applied to the periodontal ligament of the patient.

Claim 8 (New) The method according to claim 5, wherein the human RGD-CAP is directly applied to a dental socket of the patient.